

Anton Fikai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

163 papers	3,116 citations	29 h-index	48 g-index
231 ext. papers	4,022 ext. citations	3.6 avg, IF	5.54 L-index

#	Paper	IF	Citations
163	From Biomedical Applications of Alginate towards CVD Implications Linked to COVID-19.. <i>Pharmaceuticals</i> , 2022 , 15,	5.2	3
162	Bee Pollen Extracts: Chemical Composition, Antioxidant Properties, and Effect on the Growth of Selected Probiotic and Pathogenic Bacteria. <i>Antioxidants</i> , 2022 , 11, 959	7.1	1
161	Fabrication of Electrospun Juglans regia (Juglone) Loaded Poly(lactic acid) Scaffolds as a Potential Wound Dressing Material. <i>Polymers</i> , 2022 , 14, 1971	4.5	0
160	Mesoporous Silica Materials Loaded with Gallic Acid with Antimicrobial Potential. <i>Nanomaterials</i> , 2022 , 12, 1648	5.4	3
159	Comparative Antimicrobial Activity of Silver Nanoparticles Obtained by Wet Chemical Reduction and Solvothermal Methods. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5982	6.3	1
158	Levodopa-Loaded 3D-Printed Poly (Lactic) Acid/Chitosan Neural Tissue Scaffold as a Promising Drug Delivery System for the Treatment of Parkinson's Disease. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10727	2.6	1
157	Magnetite-Silica Core/Shell Nanostructures: From Surface Functionalization towards Biomedical Applications-A Review. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11075	2.6	3
156	Bioactive Glass-An Extensive Study of the Preparation and Coating Methods. <i>Coatings</i> , 2021 , 11, 1386	2.9	5
155	Antimicrobial Films based on Chitosan, Collagen, and ZnO for Skin Tissue Regeneration. <i>Biointerface Research in Applied Chemistry</i> , 2021 , 11, 11985-11995	2.8	9
154	Kinetic Release Studies of Antibiotic Patches for Local Transdermal Delivery. <i>Pharmaceutics</i> , 2021 , 13,	6.4	10
153	Chitosan-Based Nanocomposite Polymeric Membranes for Water Purification-A Review. <i>Materials</i> , 2021 , 14,	3.5	12
152	Propolis-Based Nanofiber Patches to Repair Corneal Microbial Keratitis. <i>Molecules</i> , 2021 , 26,	4.8	6
151	Production, Optimization and Characterization of Polylactic Acid Microparticles Using Electrospray with Porous Structure. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5090	2.6	5
150	New O-Aryl-Carbamoyl-Oxymino-Fluorene Derivatives with Microbicidal and Antibiofilm Activity Enhanced by Combination with Iron Oxide Nanoparticles. <i>Molecules</i> , 2021 , 26,	4.8	2
149	Electrically Triggered Drug Delivery from Novel Electrospun Poly(Lactic Acid)/Graphene Oxide/Quercetin Fibrous Scaffolds for Wound Dressing Applications. <i>Pharmaceutics</i> , 2021 , 13,	6.4	14
148	Biodegradable Alginate Films with ZnO Nanoparticles and Citronella Essential Oil-A Novel Antimicrobial Structure. <i>Pharmaceutics</i> , 2021 , 13,	6.4	24
147	Profiling of Phenolic Compounds and Triterpene Acids of Twelve Apple (Borkh.) Cultivars. <i>Foods</i> , 2021 , 10,	4.9	7

146	. <i>IEEE Access</i> , 2021 , 9, 59766-59782	3.5	0
145	Advances in Osteoporotic Bone Tissue Engineering. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	16
144	Collagen-Carboxymethylcellulose Biocomposite Wound-Dressings with Antimicrobial Activity. <i>Materials</i> , 2021 , 14,	3.5	11
143	Zinc Oxide Nanoparticles for Water Purification. <i>Materials</i> , 2021 , 14,	3.5	8
142	Nano-Hydroxyapatite vs. Xenografts: Synthesis, Characterization, and In Vitro Behavior. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
141	Antibacterial Biodegradable Films Based on Alginate with Silver Nanoparticles and Lemongrass Essential Oil-Innovative Packaging for Cheese. <i>Nanomaterials</i> , 2021 , 11,	5.4	13
140	Non-invasive microanalysis of a written page from the Romanian heritage The Homiliary of Varlaam (Cazania lui Varlaam) <i>Microchemical Journal</i> , 2021 , 168, 106345	4.8	1
139	Plasmon-Enhanced Photoresponse of Self-Powered Si Nanoholes Photodetector by Metal Nanowires. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
138	Acetylcholinesterase entrapment onto carboxyl-modified single-walled carbon nanotubes and poly (3,4-ethylenedioxythiophene) nanocomposite, film electrosynthesis characterization, and sensor application for dichlorvos detection in apple juice. <i>Microchemical Journal</i> , 2021 , 169, 106573	4.8	1
137	Innovative Antimicrobial Chitosan/ZnO/Ag NPs/Citronella Essential Oil Nanocomposite-Potential Coating for Grapes. <i>Foods</i> , 2020 , 9,	4.9	28
136	3D Propolis-Sodium Alginate Scaffolds: Influence on Structural Parameters, Release Mechanisms, Cell Cytotoxicity and Antibacterial Activity. <i>Molecules</i> , 2020 , 25,	4.8	14
135	Nanostructured Fibers Containing Natural or Synthetic Bioactive Compounds in Wound Dressing Applications. <i>Materials</i> , 2020 , 13,	3.5	22
134	Polycaprolactone/Gelatin/Hyaluronic Acid Electrospun Scaffolds to Mimic Glioblastoma Extracellular Matrix. <i>Materials</i> , 2020 , 13,	3.5	15
133	Controlling the Degradation Rate of Biodegradable Mg-Zn-Mn Alloys for Orthopedic Applications by Electrophoretic Deposition of Hydroxyapatite Coating. <i>Materials</i> , 2020 , 13,	3.5	12
132	Recent Advances in Manufacturing Innovative Stents. <i>Pharmaceutics</i> , 2020 , 12,	6.4	23
131	Optimized Synthesis Approaches of Metal Nanoparticles with Antimicrobial Applications. <i>Journal of Nanomaterials</i> , 2020 , 2020, 1-14	3.2	20
130	Surface Modification of Poly(Vinylchloride) for Manufacturing Advanced Catheters. <i>Current Medicinal Chemistry</i> , 2020 , 27, 1616-1633	4.3	5
129	SPONGIOUS FILLERS BASED ON COLLAGEN [HYDROXYAPATITE [EUGENOL ACETATE WITH THERAPEUTIC POTENTIAL IN BONE CANCER. <i>Farmacia</i> , 2020 , 68, 313-321	1.7	3

128	Simple and dual cross-linked chitosan millicapsules as a particulate support for cell culture. <i>International Journal of Biological Macromolecules</i> , 2020 , 143, 200-212	7.9	5
127	Biodegradable Antimicrobial Food Packaging: Trends and Perspectives. <i>Foods</i> , 2020 , 9,	4.9	78
126	An Overview of Biopolymeric Electrospun Nanofibers Based on Polysaccharides for Wound Healing Management. <i>Pharmaceutics</i> , 2020 , 12,	6.4	46
125	Mechanical and Biocompatibility Properties of Calcium Phosphate Bioceramics Derived from Salmon Fish Bone Wastes. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
124	Mesoporous Silica Platforms with Potential Applications in Release and Adsorption of Active Agents. <i>Molecules</i> , 2020 , 25,	4.8	23
123	Smart Food Packaging Designed by Nanotechnological and Drug Delivery Approaches. <i>Coatings</i> , 2020 , 10, 806	2.9	17
122	Antibacterial Activity of Bacterial Cellulose Loaded with Bacitracin and Amoxicillin: In Vitro Studies. <i>Molecules</i> , 2020 , 25,	4.8	19
121	Improvement of antibacterial and biocompatibility properties of electrospray biopolymer films by ZnO and MCM-41. <i>Polymer Bulletin</i> , 2020 , 77, 3657-3675	2.4	3
120	Chitosan/Graphene Oxide Nanocomposite Membranes as Adsorbents with Applications in Water Purification. <i>Materials</i> , 2020 , 13,	3.5	27
119	Antibiotic Incidence, Distribution and Resistance in Wastewaters. <i>Proceedings (mdpi)</i> , 2019 , 29, 119	0.3	
118	Structural features and nitrogen positions in titanium oxynitride films grown in plasma of magnetron discharge. <i>Journal of Physics: Conference Series</i> , 2019 , 1281, 012062	0.3	3
117	The Role of Susceptors in the Process of, Obtaining Nanopowders Using Microwaves 2019 ,		1
116	Surface evaluation of titanium oxynitride coatings used for developing layered cardiovascular stents. <i>Materials Science and Engineering C</i> , 2019 , 99, 405-416	8.3	15
115	Multifunctional Platforms Based on Graphene Oxide and Natural Products. <i>Medicina (Lithuania)</i> , 2019 , 55,	3.1	9
114	Nanoarchitectonics prepared by laser processing and their biomedical applications 2019 , 23-53		
113	Biomimetic Collagen/Zn-Substituted Calcium Phosphate Composite Coatings on Titanium Substrates as Prospective Bioactive Layer for Implants: A Comparative Study Spin Coating vs. MAPLE. <i>Nanomaterials</i> , 2019 , 9,	5.4	5
112	Electrospun nanofibers for tissue engineering applications 2019 , 77-95		4
111	Evaluation and Exploitation of Bioactive Compounds of Walnut, <i>Juglans regia</i> . <i>Current Pharmaceutical Design</i> , 2019 , 25, 119-131	3.3	11

110	Electrospun Polyethylene Terephthalate Nanofibers Loaded with Silver Nanoparticles: Novel Approach in Anti-Infective Therapy. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	20
109	Controlled Release of Metformin Hydrochloride from Core-Shell Nanofibers with Fish Sarcoplasmic Protein. <i>Medicina (Lithuania)</i> , 2019 , 55,	3.1	7
108	Hybrid Magnetic Nanostructures For Cancer Diagnosis And Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019 , 19, 6-16	2.2	4
107	Novel hydrogels based on collagen and ZnO nanoparticles with antibacterial activity for improved wound dressings. <i>Romanian Biotechnological Letters</i> , 2019 , 24, 317-323	1.2	8
106	Bone - Graft Delivery Systems of Type PLGA- gentamicin and Collagen - hydroxyapatite - gentamicine 2019 , 56, 534-527		4
105	Successful Release of Voriconazole and Flavonoids from MAPLE Deposited Bioactive Surfaces. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 786	2.6	4
104	Flax Fibres Fabric Surface Decoration with Nanoparticles - A Promising Tool for Developing Hybrid Reinforcing Agent of Thermoplastic Polymers. <i>Fibers and Polymers</i> , 2019 , 20, 2407-2415	2	1
103	MAPLE fabricated coatings based on magnetite nanoparticles embedded into biopolymeric spheres resistant to microbial colonization. <i>Applied Surface Science</i> , 2018 , 448, 230-236	6.7	10
102	Production and Characterization of Antimicrobial Electrospun Nanofibers Containing Polyurethane, Zirconium Oxide and Zeolite. <i>BioNanoScience</i> , 2018 , 8, 154-165	3.4	7
101	Applications of mesoporous silica in biosensing and controlled release of insulin. <i>International Journal of Pharmaceutics</i> , 2018 , 549, 179-200	6.5	19
100	Chitosan/poly(ethylene glycol)/hyaluronic acid biocompatible patches obtained by electrospraying. <i>Biomedical Materials (Bristol)</i> , 2018 , 13, 055011	3.5	8
99	Collagen/hydroxyapatite bone grafts manufactured by homogeneous/heterogeneous 3D printing. <i>Materials Letters</i> , 2018 , 231, 179-182	3.3	16
98	Functionalized Magnetic Nanostructures for Anticancer Therapy. <i>Current Drug Targets</i> , 2018 , 19, 239-247		5
97	Advances in Drug Delivery Systems, from 0 to 3D superstructures. <i>Current Drug Targets</i> , 2018 , 19, 393-405		7
96	Biohydrogels for medical applications: A short review. <i>Organic Communications</i> , 2018 , 11", 123-141	1.4	2
95	Synthesis of TiO ₂ doped selenium nanoparticles using herbal turmeric powders coating on cotton fabric for antibacterial. <i>Journal of Physics: Conference Series</i> , 2018 , 1144, 012008	0.3	1
94	Antibiofilm Coatings Based on PLGA and Nanostructured Cefepime-Functionalized Magnetite. <i>Nanomaterials</i> , 2018 , 8,	5.4	16
93	Biomedical Applications of Silver Nanoparticles: An Up-to-Date Overview. <i>Nanomaterials</i> , 2018 , 8,	5.4	538

92	MAPLE deposition of Nigella sativa functionalized Fe ₃ O ₄ nanoparticles for antimicrobial coatings. <i>Applied Surface Science</i> , 2018 , 455, 513-521	6.7	18
91	Manufacturing nanostructured chitosan-based 2D sheets with prolonged antimicrobial activity. <i>Romanian Journal of Morphology and Embryology</i> , 2018 , 59, 517-525	0.6	5
90	Sintering effects of mullite-doping on mechanical properties of bovine hydroxyapatite. <i>Materials Science and Engineering C</i> , 2017 , 77, 470-475	8.3	23
89	Nanotechnology: a challenge in hard tissue engineering with emphasis on bone cancer therapy 2017 , 513-539		3
88	Polymer nanocomposites PE/PE-g-MA/EPDM/nanoZnO and TiO ₂ dynamically crosslinked with sulphur and accelerators. <i>Procedia Structural Integrity</i> , 2017 , 5, 667-674	1	2
87	Polyamide/Polypropylene/graphene oxide nanocomposites with functional compatibilizers: Morpho-structural and physico-mechanical characterization. <i>Procedia Structural Integrity</i> , 2017 , 5, 675-682	1	5
86	Recent advances in using magnetic materials for environmental applications 2017 , 1-32		
85	Prevention of biofilm formation by material modification 2017 , 159-180		1
84	Zinc Oxide Nanostructures 2017 , 503-514		1
83	Development of Stabilized Magnetite Nanoparticles for Medical Applications. <i>Journal of Nanomaterials</i> , 2017 , 2017, 1-9	3.2	11
82	Characterization of Cu/Ag/Eu/Hydroxyapatite Composites Produced by Wet Chemical Precipitation. <i>Acta Physica Polonica A</i> , 2017 , 131, 392-396	0.6	3
81	Physical Characterization of Turbot (Psetta Maxima) Originated Natural Hydroxyapatite. <i>Acta Physica Polonica A</i> , 2017 , 131, 397-400	0.6	4
80	Trends in Materials Science for Ligament Reconstruction. <i>Current Stem Cell Research and Therapy</i> , 2017 , 12, 145-154	3.6	1
79	Mechanical and tribological properties of nanofilled phenolic-matrix laminated composites. <i>Materiali in Tehnologije</i> , 2017 , 51, 569-575	1.6	2
78	Structural and characterisation analysis of zinc-substituted hydroxyapatite with wet chemical precipitation method. <i>International Journal of Nano and Biomaterials</i> , 2016 , 6, 188	0.2	2
77	Can European Sea Bass (<i>Dicentrarchus labrax</i>) Scale Be a Good Candidate for Nano-Bioceramics Production?. <i>Key Engineering Materials</i> , 2016 , 696, 60-65	0.4	2
76	Influence of nanometric silicon carbide on phenolic resin composites properties. <i>Bulletin of Materials Science</i> , 2016 , 39, 769-775	1.7	17
75	New composite materials based on alginate and hydroxyapatite as potential carriers for ascorbic acid. <i>International Journal of Pharmaceutics</i> , 2016 , 510, 501-7	6.5	15

74	Synthesis and characterization of new composite materials based on poly(methacrylic acid) and hydroxyapatite with applications in dentistry. <i>International Journal of Pharmaceutics</i> , 2016 , 510, 516-23	6.5	23
73	Acrylic polymer influence on the structure and morphology of AgNPs obtained by chemical method for antimicrobial applications 2016 , 13, 53-61		5
72	Extended release of vitamins from magnetite loaded polyanionic polymeric beads. <i>International Journal of Pharmaceutics</i> , 2016 , 510, 457-64	6.5	2
71	Mechanical properties of polyamide/carbon-fiber-fabric composites. <i>Materiali in Tehnologije</i> , 2016 , 50, 723-728	1.6	4
70	Drug Delivery Systems for Dental Applications. <i>Current Organic Chemistry</i> , 2016 , 21, 64-73	1.7	5
69	Multifunctional Materials for Cancer Therapy: From Antitumoral Agents to Innovative Administration. <i>Current Organic Chemistry</i> , 2016 , 20, 2934-2948	1.7	5
68	Soft tissue engineering and microbial infections: Challenges and perspectives 2016 , 1-29		2
67	New Collagen-Dextran-Zinc Oxide Composites for Wound Dressing. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-7	3.2	35
66	Advances in the field of soft tissue engineering 2016 , 355-386		4
65	Nanotechnology in dentistry 2016 , 187-210		
64	Fabrication of naturel pumice/hydroxyapatite composite for biomedical engineering. <i>BioMedical Engineering OnLine</i> , 2016 , 15, 81	4.1	11
63	High temperature superconducting materials based on Graphene / YBCO nanocomposite. <i>Materials Today: Proceedings</i> , 2016 , 3, 2628-2634	1.4	4
62	Multifunctional materials such as MCM-41/Fe ₃ O ₄ /folic acid as drug delivery system. <i>Romanian Journal of Morphology and Embryology</i> , 2016 , 57, 483-9	0.6	2
61	Gamma-cyclodextrin/usnic acid thin film fabricated by MAPLE for improving the resistance of medical surfaces to Staphylococcus aureus colonization. <i>Applied Surface Science</i> , 2015 , 336, 407-412	6.7	15
60	Design and characterization of polypropylene matrix/glass fibers composite materials. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	8
59	Tetracycline Loaded Collagen/Hydroxyapatite Composite Materials for Biomedical Applications. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-5	3.2	6
58	Antitumoral materials with regenerative function obtained using a layer-by-layer technique. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 1269-79	4.4	10
57	Composite Scaffolds Based on Silver Nanoparticles for Biomedical Applications. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-8	3.2	20

56	Fabrication of magnetite-based core-shell coated nanoparticles with antibacterial properties. <i>Biofabrication</i> , 2015 , 7, 015014	10.5	22
55	Fabrication and characterization of functionalized surfaces with 3-amino propyltrimethoxysilane films for anti-infective therapy applications. <i>Applied Surface Science</i> , 2015 , 336, 401-406	6.7	6
54	MAGNETIC CORE SHELL STRUCTURES: from 0D to 1D assembling. <i>Current Pharmaceutical Design</i> , 2015 , 21, 5301-11	3.3	6
53	SYNTHESIS AND APPLICATIONS OF Fe ₃ O ₄ /SiO ₂ CORE-SHELL MATERIALS. <i>Current Pharmaceutical Design</i> , 2015 , 21, 5324-35	3.3	45
52	Antimicrobial Chitosan based formulations with impact on different biomedical applications. <i>Current Pharmaceutical Biotechnology</i> , 2015 , 16, 128-36	2.6	25
51	Mesoporous materials used in medicine and environmental applications. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 1501-15	3	14
50	Molecular mechanism and targets of the antimicrobial activity of metal nanoparticles. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 1583-8	3	21
49	Magnetite: from synthesis to applications. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 1622-40	3	39
48	Incorporation of Silver Nanoparticles in Film Forming Materials for Long Term Antimicrobial Action. <i>Current Nanoscience</i> , 2015 , 11, 760-769	1.4	2
47	Biocompatible hydrodispersible magnetite nanoparticles used as antibiotic drug carriers. <i>Romanian Journal of Morphology and Embryology</i> , 2015 , 56, 365-70	0.6	7
46	Synthesis and characterization of a novel controlled release zinc oxide/gentamicin-chitosan composite with potential applications in wounds care. <i>International Journal of Pharmaceutics</i> , 2014 , 463, 161-9	6.5	81
45	Montmorillonite-alginate nanocomposite as a drug delivery system--incorporation and in vitro release of irinotecan. <i>International Journal of Pharmaceutics</i> , 2014 , 463, 184-92	6.5	109
44	New silica nanostructure for the improved delivery of topical antibiotics used in the treatment of staphylococcal cutaneous infections. <i>International Journal of Pharmaceutics</i> , 2014 , 463, 170-6	6.5	17
43	Usnic acid-loaded biocompatible magnetic PLGA-PVA microsphere thin films fabricated by MAPLE with increased resistance to staphylococcal colonization. <i>Biofabrication</i> , 2014 , 6, 035002	10.5	33
42	Functionalized antibiofilm thin coatings based on PLGA microspheres loaded with usnic acid natural compounds fabricated by MAPLE. <i>Applied Surface Science</i> , 2014 , 302, 262-267	6.7	56
41	Carboxymethyl-cellulose/Fe ₃ O ₄ nanostructures for antimicrobial substances delivery. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 1639-46	1	4
40	Alginate and Sulfanilamide Based DDS with Antibacterial Activity. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014 , 63, 92-96	3	5
39	MAPLE fabricated magnetite@eugenol and (3-hidroxybutyric acid-co-3-hidroxyvaleric acid)polyvinyl alcohol microspheres coated surfaces with anti-microbial properties. <i>Applied Surface Science</i> , 2014 , 306, 16-22	6.7	43

38	Multifunctional materials for bone cancer treatment. <i>International Journal of Nanomedicine</i> , 2014 , 9, 2713-25	7.3	50
37	Nanostructured biomaterials with antimicrobial properties. <i>Current Medicinal Chemistry</i> , 2014 , 21, 3391-404	4.5	6
36	Silver Based Materials for Biomedical Applications. <i>Current Organic Chemistry</i> , 2014 , 18, 173-184	1.7	30
35	ZnO Applications and Challenges. <i>Current Organic Chemistry</i> , 2014 , 18, 192-203	1.7	47
34	Metal Oxide Nanoparticles: Potential Uses in Biomedical Applications. <i>Current Proteomics</i> , 2014 , 11, 139-149	1.7	20
33	In vitro activity of the new water-dispersible Fe ₃ O ₄ @usnic acid nanostructure against planktonic and sessile bacterial cells. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	38
32	Water dispersible cross-linked magnetic chitosan beads for increasing the antimicrobial efficiency of aminoglycoside antibiotics. <i>International Journal of Pharmaceutics</i> , 2013 , 454, 233-40	6.5	61
31	Antimicrobial coatings Obtaining and characterization. <i>Bulletin of Materials Science</i> , 2013 , 36, 183-188	1.7	7
30	Water dispersible magnetite nanoparticles influence the efficacy of antibiotics against planktonic and biofilm embedded Enterococcus faecalis cells. <i>Anaerobe</i> , 2013 , 22, 14-9	2.8	42
29	Synthesis, characterization and bioevaluation of irinotecan-collagen hybrid materials for biomedical applications as drug delivery systems in tumoral treatments. <i>Open Chemistry</i> , 2013 , 11, 2134-2143	1.6	5
28	Biohybrid nanostructured iron oxide nanoparticles and <i>Satureja hortensis</i> to prevent fungal biofilm development. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 18110-23	6.3	68
27	Collagen hydrolysate based collagen/hydroxyapatite composite materials. <i>Journal of Molecular Structure</i> , 2013 , 1037, 154-159	3.4	33
26	Caprolactam-silica network, a strong potentiator of the antimicrobial activity of kanamycin against gram-positive and gram-negative bacterial strains. <i>International Journal of Pharmaceutics</i> , 2013 , 446, 63-9	6.5	10
25	Fabrication, characterization and in vitro profile based interaction with eukaryotic and prokaryotic cells of alginate-chitosan-silica biocomposite. <i>International Journal of Pharmaceutics</i> , 2013 , 441, 555-61	6.5	32
24	Collagen-hydroxyapatite/cisplatin drug delivery systems for locoregional treatment of bone cancer. <i>Technology in Cancer Research and Treatment</i> , 2013 , 12, 275-84	2.7	46
23	Biocompatible Magnetic Hollow Silica Microspheres for Drug Delivery. <i>Current Organic Chemistry</i> , 2013 , 17, 1029-1033	1.7	17
22	Prosthetic Devices with Functionalized Anti-biofilm Surface Based NanoAg@C18. <i>Current Organic Chemistry</i> , 2013 , 17, 105-112	1.7	4
21	Wound Dressing Based Collagen Biomaterials Containing Usnic Acid as Quorum Sensing Inhibitor Agent: Synthesis, Characterization and Bioevaluation. <i>Current Organic Chemistry</i> , 2013 , 17, 125-131	1.7	8

20	Antitumor Activity of Magnetite Nanoparticles: Influence of Hydrocarbonated Chain of Saturated Aliphatic Monocarboxylic Acids. <i>Current Organic Chemistry</i> , 2013 , 17, 831-840	1.7	6
19	Synthesis and Characterization of Magnetite-Polysulfone Micro- and Nanobeads with Improved Chemical Stability in Acidic Media. <i>Current Nanoscience</i> , 2013 , 9, 271-277	1.4	7
18	Synthesis and characterization of hybrid PVA/Al ₂ O ₃ thin film. <i>Materials Letters</i> , 2012 , 74, 132-136	3.3	18
17	Mimicking the morphology of long bone. <i>Open Chemistry</i> , 2012 , 10, 1949-1953	1.6	4
16	Synthesis, characterization and in vitro assessment of the magnetic chitosan-carboxymethylcellulose biocomposite interactions with the prokaryotic and eukaryotic cells. <i>International Journal of Pharmaceutics</i> , 2012 , 436, 771-7	6.5	49
15	Magnetite nanoparticles for functionalized textile dressing to prevent fungal biofilms development. <i>Nanoscale Research Letters</i> , 2012 , 7, 501	5	42
14	Modified wound dressing with phyto-nanostructured coating to prevent staphylococcal and pseudomonal biofilm development. <i>Nanoscale Research Letters</i> , 2012 , 7, 690	5	41
13	Synthesis and Characterization of Mesoporous Magnetite Based Nanoparticles. <i>Current Nanoscience</i> , 2012 , 8, 875-879	1.4	5
12	Hybrid materials based on montmorillonite and citostatic drugs: Preparation and characterization. <i>Applied Clay Science</i> , 2011 , 52, 62-68	5.2	47
11	New approaches in layer by layer synthesis of collagen/hydroxyapatite composite materials. <i>Open Chemistry</i> , 2011 , 9, 283-289	1.6	12
10	Collagen/hydroxyapatite composite materials with desired ceramic properties. <i>Journal of Electron Microscopy</i> , 2011 , 60, 253-9		14
9	Synthesis and Characterization of Composites from Layered Silicates and Homo- and Copolymers of 2-Hydroxyethyl Methacrylate and P-Chloromethyl Styrene Obtained by In Situ Radical (Co)polymerization. <i>Molecular Crystals and Liquid Crystals</i> , 2010 , 521, 204-213	0.5	
8	Synthesis and characterization of COLL-PVA/HA hybrid materials with stratified morphology. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 81, 614-9	6	32
7	Synthesis and characterization of collagen/hydroxyapatite: magnetite composite material for bone cancer treatment. <i>Journal of Materials Science: Materials in Medicine</i> , 2010 , 21, 2237-42	4.5	80
6	The influence of collagen support and ionic species on the morphology of collagen/hydroxyapatite composite materials. <i>Materials Characterization</i> , 2010 , 61, 402-407	3.9	29
5	Collagen/hydroxyapatite composite obtained by electric field orientation. <i>Materials Letters</i> , 2010 , 64, 541-544	3.3	24
4	Self-assembled collagen/hydroxyapatite composite materials. <i>Chemical Engineering Journal</i> , 2010 , 160, 794-800	14.7	62
3	Layer by layer deposition of hydroxyapatite onto the collagen matrix. <i>Materials Science and Engineering C</i> , 2009 , 29, 2217-2220	8.3	20

2	Advances in Collagen/Hydroxyapatite Composite Materials	11
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1	The use of microwaves in the process of obtaining nanopowders. <i>Journal of Microwave Power and Electromagnetic Energy</i> ,1-20	1.4	1
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